



Creating a Revenue Stream for Stormwater Management
April 2016

Stormwater Funding Resources v.2

This handout includes links to the following kinds of information:

1. **About Stormwater Funding in General**
2. **Stormwater Fees and Utilities**
3. **Grants and Loans**
4. **Examples and Case Studies**

You can also find this sheet on the Massachusetts Rivers Alliance website (www.massriversalliance.org), with clickable links. We hope this information is helpful to you.

1. About Stormwater Funding in General

U.S. EPA Region 1, [Funding Stormwater Programs](#), Factsheet, April 2009. Overview of issues and resources, with New England case studies.

MWRA Advisory Board #Muniworks Workshop, [Retail Rates and Stormwater Funding Mechanisms](#) [video-recorded].

Merrimack Valley Stormwater Collaborative, [A Quick Reference for Defining and Funding Your Municipal Stormwater Program](#), Prepared by Horsley Witten Group, Inc., June 2015.

Environmental Finance Centers Stormwater Programs:

- [EFC Univ. of Maryland](#)
- [EFC Univ. of N. Carolina](#)

Environmental Finance Center, Univ. of Maryland, [Local Government Stormwater Financing Manual: A Process for Program Reform](#), January 2014.

Environmental Finance Center, Univ. of North Carolina, [Innovative Financing Approaches for Stormwater and Green Infrastructure](#), Cooperative Agreement with U.S. EPA, Project Website.

Central Massachusetts Regional Planning Commission (CMRPC), [Funding Stormwater Management](#).

National Association of Flood and Stormwater Management Agencies, [Guidance for Municipal Stormwater Funding](#), prepared for U.S. EPA, January 2006.

U.S. EPA, [Managing Wet Weather with Green Infrastructure: Municipal Handbook – Funding Options](#), Sept. 2008, EPA-833-F-08-007. Click “Policy Guides”, then “Municipal Handbook” Discusses stormwater fees and loans (SRF).

Joanne Throwe, Univ. of Maryland, Environmental Finance Center, [*Stormwater Financing 101: Getting Started on Financing Your Stormwater Management Program*](#), July 9, 2013 Presentations.

Horsley Witten, [*Sustainable Stormwater Funding Evaluation for the Upper Charles River Communities of Bellingham, Franklin, and Milford, MA*](#), prepared for U.S. EPA Region 1, September 30, 2011 [estimates costs for phosphorus TMDL compliance and recommends development of a stormwater utility, potentially inter-municipal].

National Association of Clean Water Agencies (NACWA), [*Navigating Litigation Floodwaters: Legal Considerations for Funding Municipal Stormwater Programs*](#), 2014.

Jeff Hughes, [*Methods and Strategies for Financing Green Infrastructure*](#), 10/31/2014. [focus is on options for Durham County, NC, but has general relevance].

U.S. EPA Webcast: [*Innovative Financing for Green Infrastructure*](#), November 4, 2014 [slides and transcript available in archive].

U.S. EPA [*Water Infrastructure and Resiliency Finance Center*](#) [resources on financing drinking water, wastewater and stormwater infrastructure].

2. Stormwater Fees and Utilities

Metropolitan Area Planning Council (MAPC), [*Stormwater Financing/Utility Starter Kit*](#).

Association to Preserve Cape Cod, [*Stormwater Management*](#) webpage [includes lists of resources and presentations from 2009 stormwater utilities workshops].

Salem Sound Coastwatch, [*How to Fund a Municipal Stormwater Program*](#) [resources and presentation from 2009 stormwater utilities workshop].

Massachusetts Statewide Stormwater Management Training Seminar Series: [*Funding Stormwater Management \(Enterprise Funds-Fees-Utilities\)*](#), funded by Mass DEP under 319 Grant, prepared by VHB, Horsley Witten, CWP and Stacey DePasquale, 2011. Presentations.

U.S. EPA Webcast, [*Paying for Stormwater - The Benefits of a Utility*](#), August 13, 2015 [emphasis on regional approaches].

Water Environment Foundation, [*User-Fee-Funded Stormwater Utilities*](#), 2013.

Charles River Watershed Association (CRWA) for the MA Coastal Zone Management (CZM), [*Assessment of Stormwater Financing Mechanisms in New England*](#), March 30, 2007. Case studies of So. Burlington VT, Newton MA and Reading MA.

New England Environmental Finance Center, [*Stormwater Utility Fees: Considerations & Options for Interlocal Stormwater Working Group \(ISWG\)*](#), May 2005.

NEWIPCC, [*Stormwater Utility Workshop*](#), March 25, 2015. Presentations.

Jennifer Berthiaume, Edward Quiroz, and Jennifer Ivey, “[*Facilitating Fees: Avoiding the pitfalls in setting stormwater utility fees while getting stakeholder support*](#)”, Water Environment Federation, *Stormwater Report*, August 11, 2015.

FosterMedia, [*Stormwater Program Funding: Forming a Successful Stormwater Utility*](#), White Paper [free report].

Choose Clean Water Coalition (Annapolis MD), [*Stormwater Communications: Tools to help your community understand and support an effective stormwater utility plan*](#).

3. Grants and Loans

U.S. EPA, [*Catalog of Federal Funding Sources for Watershed Protection*](#): a searchable database of financial assistance sources (grants, loans, cost-sharing) available to fund a variety of watershed protection projects.

U.S. EPA Webcast: [*Using the Clean Water Act State Revolving Fund for Nonpoint Source and National Estuary Projects*](#), April 17, 2012. Presentations.

[Massachusetts State Revolving Fund](#)

[Clean Water Act grants administered by the MassDEP:](#)

- Section 319(h) Non-Point Source Competitive Grants (for stormwater projects not required as part of a NPDES permit).
- Section 604(b) (for water quality assessment and management planning).

See Mass EOEPA [Water Grants and Loans](#) for a list of other grants and loans that might fund portions of stormwater programs.

4. Examples & Case Studies

Natural Resources Defense Council, [*Financing Stormwater Retrofits in Philadelphia and Beyond*](#), February 2012.

[*Western Kentucky University Stormwater Utility Survey 2014*](#), C. Warren Campbell, Western Kentucky University, Bowling Green, Ky. [annual national survey of stormwater utilities].

Black & Veatch, [*2014 Stormwater Utility Survey*](#), [biennial national survey]
